

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS LOCATION INSPECTED SUB REPORT/abd.

DATE FILED 6-14-82

LAND: FEE & PATENTED                      STATE LEASE NO. **ML-31344**

PUBLIC LEASE NO

INDIAN

DRILLING APPROVED: ~~6-29-82~~ 6-30-82

SPUDDER IN:

COMPLETED: 10/2/83 PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR

## PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 6-13-83 Location Abandoned, Well never drilled

FIELD: WILDCAT 3/86

UNIT:

COUNTY: **SAN JUAN**

WELL NO. STATE #22-36

API NO. 43-037-30796

LOCATION 1820' FT. FROM (N) ST. LINE.

2310'

FT. FROM ~~XX~~ (W) LINE. SE NW

1/4 - 1/4 SEC.	36
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TWP.

RGE.

SEC.

OPERATOR

TWP

RGF

SEC

OPERATOR

39S

18E

36

SHELL OIL COMPANY

Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

June 15, 1982

Mr. Cleon B. Feight, Director  
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Mr. Feight:

**STATE OF UTAH 14-32**  
SECTION 32, T38S-R19E  
SAN JUAN COUNTY, UTAH

**STATE OF UTAH 22-36**  
SECTION 36, T39S-R18E  
SAN JUAN COUNTY, UTAH

Enclosed are drill permit applications for the two subject exploratory tests.

A location exception is requested for the State of Utah No. 22-36 test. The exception is necessary due to terrain problems. Access across federal lands will be necessary to reach this location. A road access application has been made with the Bureau of Land Management.

In addition to the two subject locations, it is Shell's intent to drill four other exploratory tests in the immediate area. These drill sites are located on USA lands. The six wildcat locations are illustrated on the enclosed topographic map. We request that all information relative to the drilling and completion of these six tests be considered as Private and Confidential.

Expeditious drill permit approval will be appreciated and will aid us in our exploratory efforts.

Should additional information or clarification be necessary to expedite permit approval, please contact me at (713) 870-3216.

Yours very truly,

*G. M. Jobe*

G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division

GMJ:beb

Enclosures

cc - (w/encl.)

Bob Turri, BLM, P. O. Box 7, Monticello, UT 84535

**RECEIVED**  
JUN 22 1982

**DIVISION OF  
OIL, GAS & MINING**

**CONFIDENTIAL**STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

ML 31344

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

State

9. Well No.

22-36

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk.

SE/4 NW/4 Section 36  
T39S R18E

12. County or Parrish 13. State

San Juan County, Utah

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

Shell Oil Company

3. Address of Operator

P. O. Box 831, Houston, Texas 77001 Attn. G. M. Jobe Rm 5468 WCK

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface1820' FNL & 2310' FWL Section 36  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

Approximately 15+ miles north of Mexican Hat, Utah

15. Distance from proposed\*

location to nearest

property or lease line, ft.

330'

(Also to nearest drlg. line, if any)

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

None

16. No. of acres in lease

640

17. No. of acres assigned

to this well 40

19. Proposed depth

2480' +

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6320' GR

22. Approx. date work will start\*

Upon permit approval

23.

**PROPOSED CASING AND CEMENTING PROGRAM**

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

LOCATION EXCEPTION REQUESTED  
DUE TO TERRAIN**ATTACHMENTS:**

- (1) Survey Plat
- (2) Drilling Prognosis
- (3) Topo Maps

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**DATE: 6/24/82BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

G. M. Jobe

Title

Administrator  
Regulatory-Permits

Date 6/14/82

(This space for Federal or State office use)

Permit No. ....

Approval Date .....

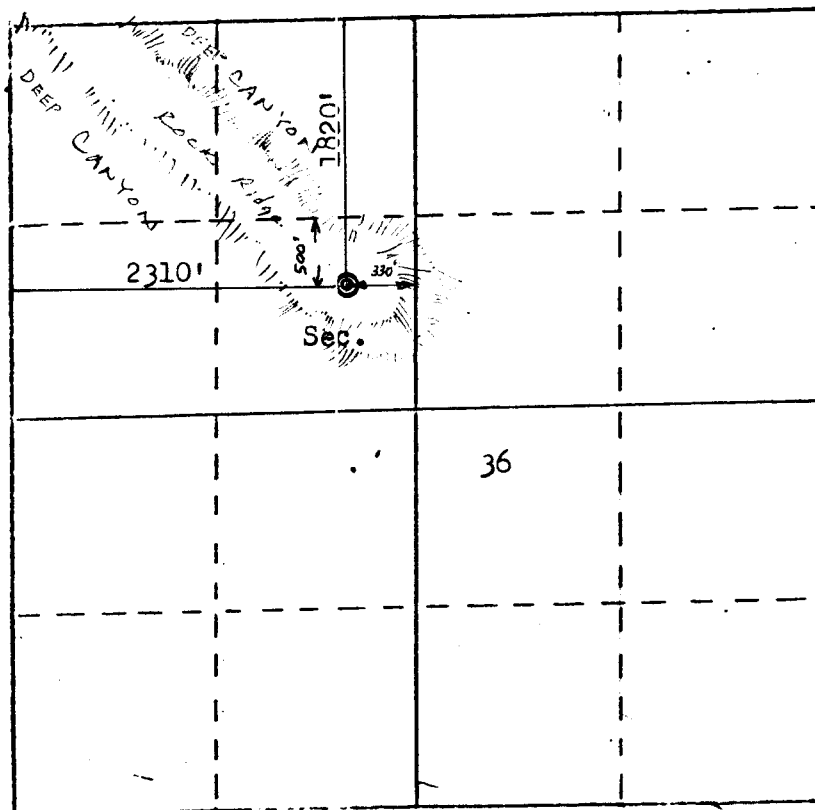
Approved by .....

Title .....

Date .....

Conditions of approval, if any:

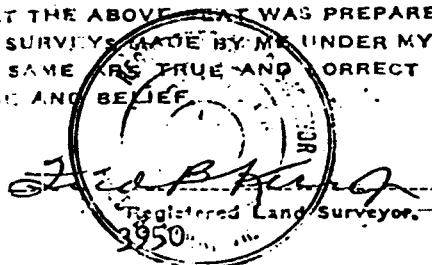
COMPANY SHELL OIL COMPANY  
LEASE STATE WELL NO. 22-36  
SEC. 36 T. 39S R. 18E  
San Juan County, Utah  
LOCATION 1820'FNL 2310'FWL  
ELEVATION 6320 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM  
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-  
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED May 11 1982

# DRILLING PROGNOSIS

WELL: State 22-36

W.O. NO. \_\_\_\_\_

LOCATION. Sec. 36, T39S, R18E  
San Juan County, Utah

FIELD: Paradox Basin

OBJECTIVE: Desert Creek

EST. ELEVATION: 6280'

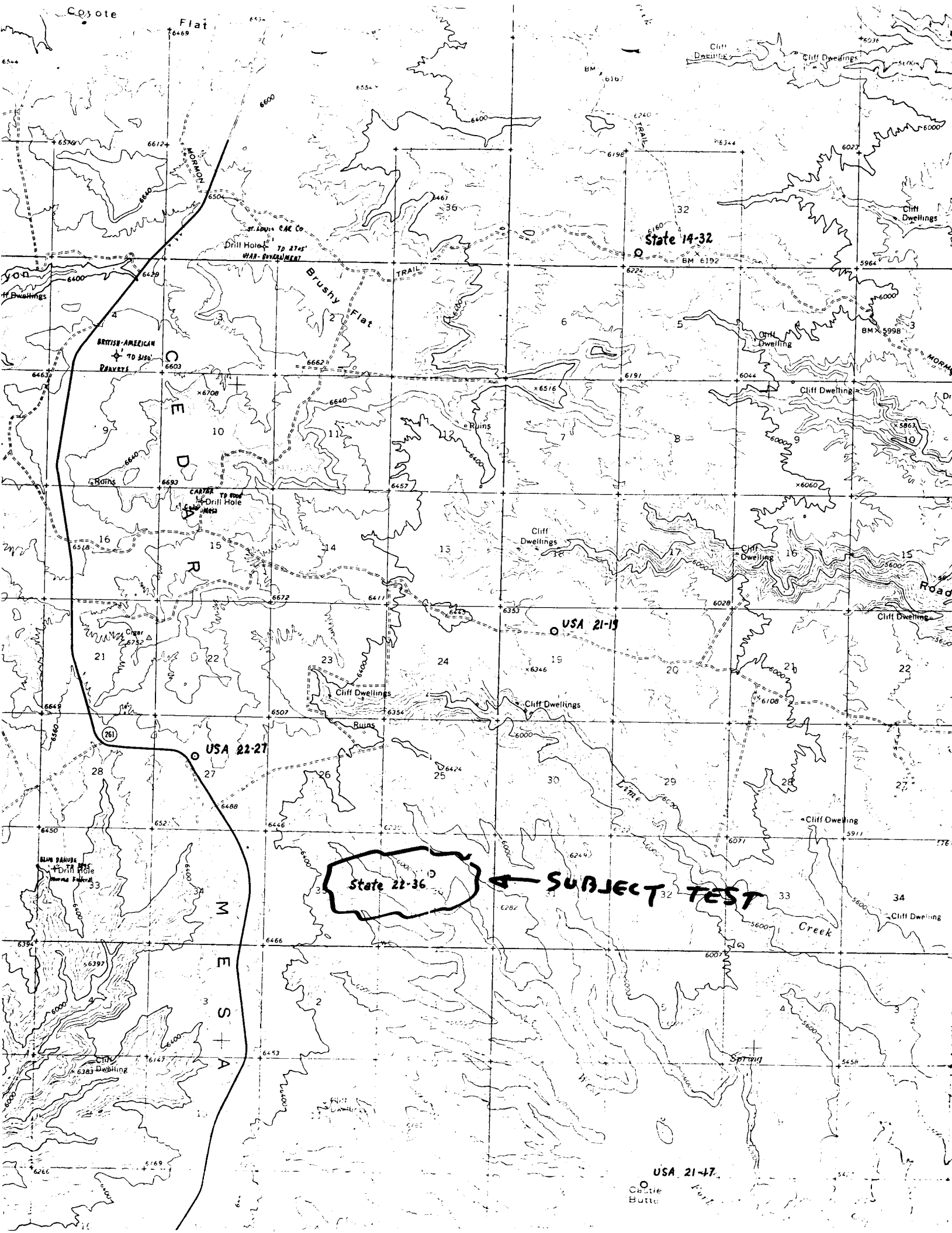
## EVALUATION

## GEOLOGY

## DRILLING

DRLG. TIME ELEC. MUD & SAMPLES SURVEYS LOGGER			SIGNIFICANT FORMATIONS	WELL DEPTH	HOLE SIZE	CASING & CEMENT	MUD PROGRAM
GR			Cedar Mesa (Surface)	40'		16" Conductor Redimix	Fresh water native mud vis as needed
			Parm Halgaito	765'	12 1/4"	8 5/8" 24# K55 STC Cement to surface	
			Surface set @ 800'			Min. BOPE	
2-30' cores DIL/GR/SP FDC/CNL/GR/Cal MPT/GR/Cal BHC SONIC/ITT/GR/Cal Possible CST in uphole zones above Desert Creek	2-man logging unit H <sub>2</sub> S CO <sub>2</sub> Detector		Penn UP Hermosa	1215'		2-MR	Circ reserve pit sweep hole as needed
			UDM P-50	2165'	7 7/8"		
			LDM Desert Creek	2205'			
			LDM P-40	2405'			
			LDM Paradox	2430'			
			TD	2480'		5 1/2" 14# K55 STC Cemented to surface	

1. Possible DLL/MSFL/GR/Cal/SP along with the DIL tool if the mud salinity or formation is higher than expected.
2. Possible lost circulation



State 14-32

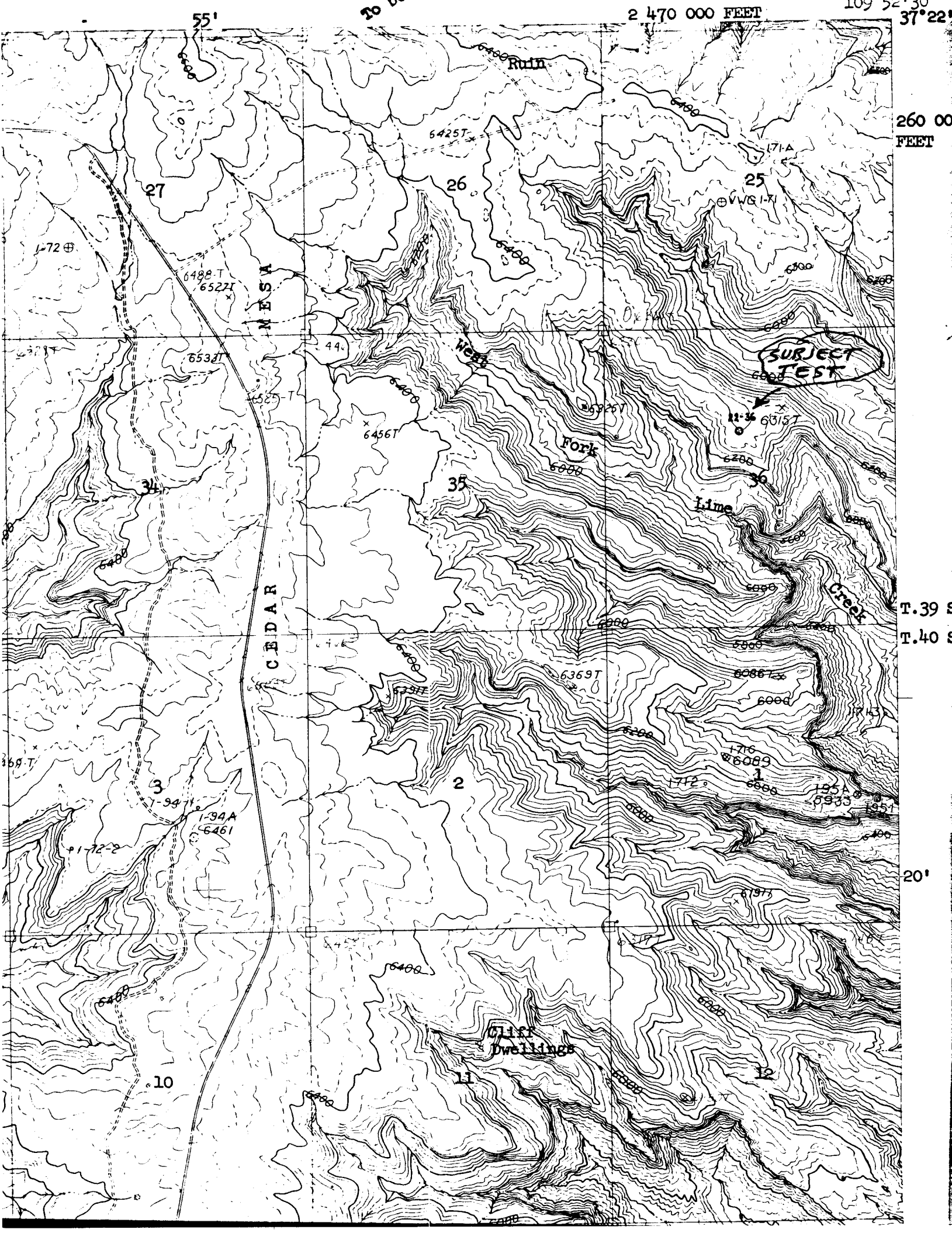
USA 21-19

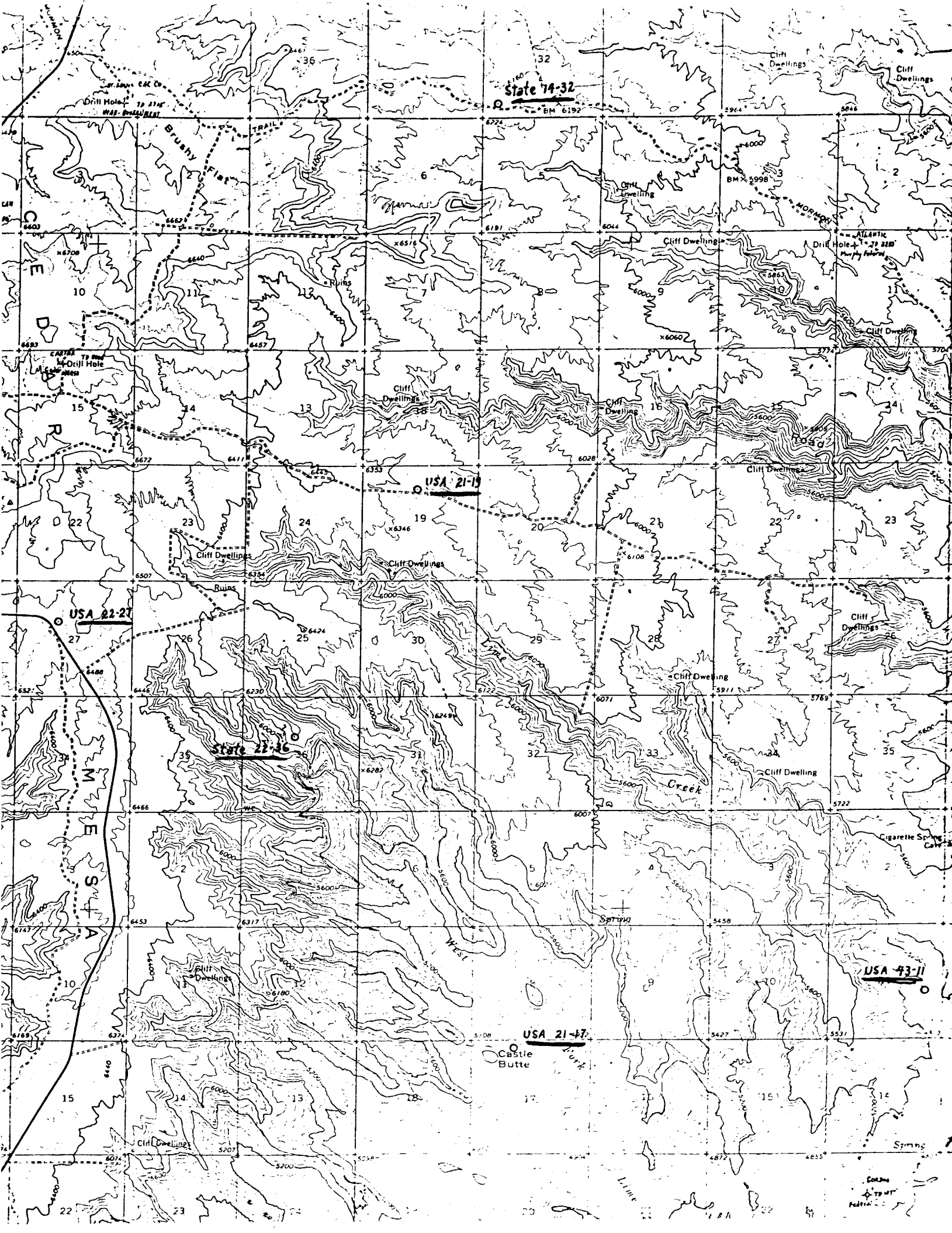
USA 22-27

State 22-36

SUBJECT TEST

USA 21-47







# Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

June 15, 1982

Mr. Edgar W. Guynn, District Supervisor  
Minerals Management Service  
2000 Administrative Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Dear Mr. Guynn:

SHELL USA 21-19  
SECTION 19, T39S-R19E  
SAN JUAN COUNTY, UTAH

SHELL USA 22-27  
SECTION 27, T39S-R18E  
SAN JUAN COUNTY, UTAH

SHELL USA 21-17  
SECTION 17, T40S-R19E  
SAN JUAN COUNTY, UTAH

SHELL USA 43-11  
SECTION 11, T40S-R19E  
SAN JUAN COUNTY, UTAH

Enclosed are A.P.D.s with required attachments for the subject exploratory efforts. Pre-drill inspections of the proposed sites were held on May 26, 1982. Acceptable sites were agreed upon.

These tests will be drilled by Shell under the terms of an agreement with Sun Exploration Company. Sun is the holder of the oil and gas leases under an assignment from Texas Pacific Oil Company. Designation of Operator forms executed by Sun Exploration Company for each test designating Shell Oil Company as operator will be mailed to you in the near future.

The USA 21-19 will require a location exception to 30 CFR 221.20 as the drill site is closer than 200 feet of the legal subdivision boundaries. A request for a location exception has been prepared and will be forwarded to your office upon execution by Sun Exploration Company. A copy of this request is enclosed for your information.

We desire to expedite approval of these A.P.D.s to meet drilling requirements under the terms of our agreement with Sun. Therefore, please inform me if further information is necessary for permit approval. Phone (713) 870-3216 or 3215.

Yours very truly,

*G. M. Jobe*

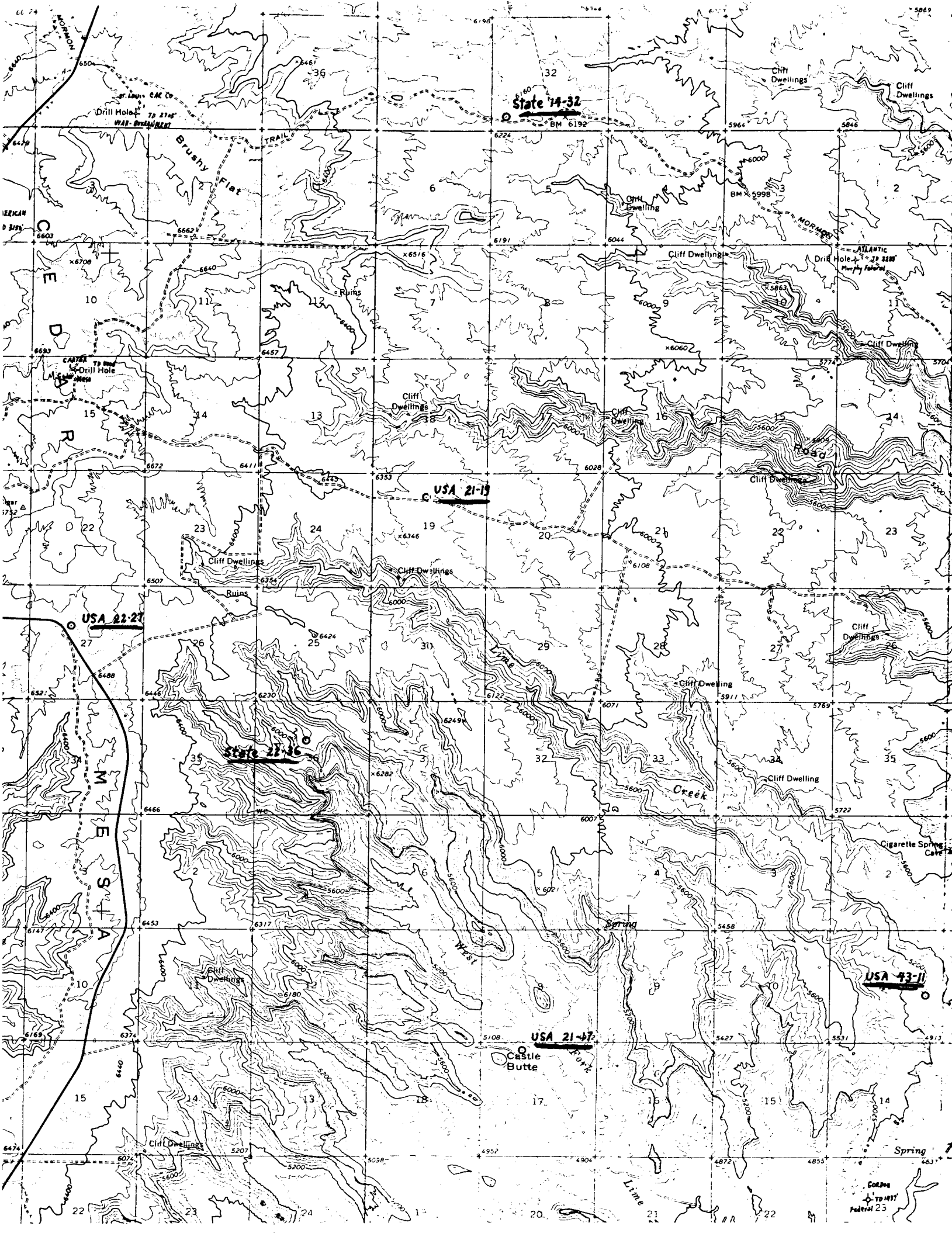
G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division

RLT:beb

Enclosures

cc - (w/encl.)

Bob Turri, BLM, P. O. Box 7, Monticello, UT 84535



# CONFIDENTIAL

\*\* FILE NOTATIONS \*\*

DATE: June 28, 1982  
OPERATOR: Shell Oil Company  
WELL NO: State 22-316  
Location: <sup>SE NW</sup> Sec. 316 T. 39S R. 18E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30796

## CHECKED BY:

Petroleum Engineer: OK Unorthodox location, topo. Exception

Director: \_\_\_\_\_

Administrative Aide: As Per Rule C-3(c) Topo letter  
enclosed

## APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation State

Plotted on Map ☒

Approval Letter Written ☐

Hot Line ☒

P.I. ☒ ✓

June 30, 1982

Shell Oil Company  
P.O. Box 831  
Houston, Texas 77001

Attn: G. M. Jobe  
Rm. 5468 WCK

RE: Well No. State #22-36  
Sec. 36, T39S, R13E  
San Juan County

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30796.

Sincerely,

  
RONALD J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJF:SC  
cc: State Lands  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 3, 1983

Shell Oil Company  
P. O. Box 831  
Houston, Texas 77001  
Att: G. M. Jobe  
Rm. 5468 WCK

Re: Well No. State # 22-36  
Sec. 36, T. 39S, R. 18E.  
, San Juan County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

276  
Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

June 13, 1983

Ms. Cari Furse  
State of Utah  
Natural Resources & Energy  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Ms. Furse:

SHELL USA 43-11  
SECTION 11, T40S-R19E  
SAN JUAN COUNTY, UTAH

SHELL STATE 22-36  
SECTION 36, T39S-R18E  
SAN JUAN COUNTY, UTAH

LA  
RECEIVED  
JUN 15 1983

DIVISION OF  
OIL GAS & MINING

Further to our letter of March 25, 1983 (copy attached), we do not plan to drill either of the subject geological tests.

The drill permits will be allowed to expire at the end of their primary term.

Yours very truly,

*G. M. Jobe*  
G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division  
Western E&P Operations

lam

Attachment

cc - (w/attach.)  
E. W. Gynn, BLM, Salt Lake City, UT

Receipt Acknowledged:

*Cari Furse*  
State of Utah  
Natural Resources & Energy

Date: 6-17-83